## REMARKS

Claims 1-33 remain standing in this application. Claims 1, 2, 6, 11, 13, 15, 19, 20, 27, 28 and 31 have been amended. Reconsideration and allowance of the standing claims are respectfully requested.

Claims 27-33 stand rejected under 35 U.S.C. 112, first paragraph, as being non-enabled. Claims 2-5 and 28-33 have been rejected under 35 U.S.C. 112, second paragraph, for not particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention. These claims have been amended in accordance with the Office Action, and removal of the rejections is respectfully requested.

Claims 1-33 stand rejected under 35 U.S.C. 102(e) as being anticipated by USPN 6,678,241 (Gai). Applicant respectfully requests reconsideration and withdrawal of the rejection.

Claims 1-33 define over Gai. Claims 1-33, as amended, recite establishing a connection over a "channel based network." According to the Specification, a "channel based network" may "refer to a network in which data transfers are performed directly between registered buffers or memory regions." Specification, Page 11, Lines 1-3. By way of contrast, Gai describes multiple virtual local area networks (VLAN). Gai fails to describe, in any context, a channel based network. Consequently, Gai fails to disclose all the elements of claims 1-33. Accordingly, removal of the rejection is respectfully requested.

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For at least the above reasons, Applicant submits that claims 1-33 recite novel features not shown by the cited references. Further, Applicant submits that the aboverecited novel features provide new and unexpected results not recognized by the cited references. Accordingly, Applicant submits that the claims are not anticipated nor rendered obvious in view of the cited references.

It is believed that claims 1-33 are in allowable form. Accordingly, a timely Notice of Allowance to this effect is earnestly solicited.

The Examiner is invited to contact the undersigned at 724-933-3387 to discuss any matter concerning this application.

The Office is hereby authorized to charge any additional fees or credit any overpayments under 37 C.F.R. § 1.16 or § 1.17 to Deposit Account No. 02-2666.

Respectfully submitted,

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Under 37 CFR 1.34(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA

22313-1450 on: 6-30-04.

0-30-04

Deborah Higham

Date

Dated:

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